ELSEVIER

Journal of Controlled Release 55 (1998) 303–304

journal of controlled release

Author Index Volume 55 (1998)

Alhaique, F., see Coviello, T. (55) 57
Alonso, M.J., see Remuñán-López, C. (55) 143
Aoyagi, T., see Kohori, F. (55) 87
Berridi, M.J.F., see Gallardo, A. (55) 171
Blunk, T., see Lück, M. (55) 107
Brandl, M., see Tardi, C. (55) 261
Carafa, M., see Coviello, T. (55) 57
Chen, K.-S., see Lin, S.-Y. (55) 13
Cheng, Y.-H., Illum, L. and Davis, S.S., A poly(D,L-lactide-co-glycolide) microsphere depot system for delivery of haloperidol (55) 203
Chiang, H.-S., see Sheu, M.-T. (55) 153
Collett, J.H., see Whitehead, L. (55) 3
Coviello, T., Dentini, M., Rambone, G., Desideri, P., Carafa, M., Murtas, E., Riccieri, F.M. and Alhaique, F., A novel co-crosslinked polysaccharide: studies for a controlled delivery matrix (55) 57
Davis, P.J., see Kader, A. (55) 231
Davis, S.S., see Cheng, Y.-H. (55) 203
Dentini, M., see Coviello, T. (55) 57
Desideri, P., see Coviello, T. (55) 57
Duchêne, D., see Hamdi, G. (55) 193
Eguiburu, J.L., see Gallardo, A. (55) 171
Fassihi, R., see Pillay, V. (55) 45
Fell, J.T., see Whitehead, L. (55) 3
Foster, R.E., see Zhou, T. (55) 281
Gabor, F., Stangl, M. and Wirth, M., Lectin-mediated bioadhesion: binding characteristics of plant lectins on the enterocyte-like cell lines Caco-2, HT-29 and HCT-8 (55) 131
Gallardo, A., Eguiburu, J.L., Berridi, M.J.F. and San Román, J., Preparation and in vitro release studies of ibuprofen-loaded films and microspheres made from graft copolymers of poly(L-lactic acid) on acrylic backbones (55) 171
Gehrke, S.H., Uhden, L.H. and McBride, J.F., Enhanced loading and activity retention of bioactive proteins in hydrogel delivery systems (55) 21
Gurny, R., see Sintzel, M.B. (55) 213
Hamdi, G., Ponchel, G. and Duchêne, D., An original method for studying in vitro the enzymatic degradation of cross-linked starch microspheres (55) 193
Hanif, R.M., Qineng, P. and Zhan, G., Penetration enhancing effect of tetrahydrogeraniol on the percutaneous absorption of 5-fluorouracil from gels in excised rat skin (55) 297
Heller, J., see Sintzel, M.B. (55) 213
Illum, L., see Cheng, Y.-H. (55) 203
Kader, A., Davis, P.J., Kara, M. and Liu, H., Drug targeting using low density lipoprotein (LDL): physicochemical factors affecting drug loading into LDL particles (55) 231
Kakizoe, T., see Yokoyama, M. (55) 219
Kara, M., see Kader, A. (55) 231
Kataoka, K., see Yokoyama, M. (55) 219
Kato, Y., see Shitara, Y. (55) 35
Kim, S.W., see von Recum, H. (55) 121
Kissel, T., see Lück, M. (55) 107
Kohori, F., Sakai, K., Aoyagi, T., Yokoyama, M., Sakurai, Y. and Okano, T., Preparation and characterization of thermally responsive block copolymer micelles comprising poly(*N*-isopropylacrylamide-*b*-DL-lactide) (55) 87
Krishnaiah, Y.S.R., Satyanarayana, S., Rama Prasad, Y.V. and Narasimha Rao, S., Gamma scintigraphic studies on guar gum matrix tablets for colonic drug delivery in healthy human volunteers (55) 245
Lasch, J., see Zellmer, S. (55) 271
Lee, H.Y., see Park, T.G. (55) 181
Lemmouchi, Y., Schacht, E. and Lootens, C., In vitro release of trypanocidal drugs from biodegradable implants based on poly(ε-caprolactone) and poly(D,L-lactide) (55) 79
Lewis, H., see Zhou, T. (55) 281
Li, Y.-X., see Lück, M. (55) 107
Lin, L.-H., see Sheu, M.-T. (55) 153
Lin, S.-Y., Chen, K.-S. and Lin, Y.-Y., pH of preparations affecting the on–off drug penetration behavior through the thermo-responsive liquid crystal-embedded membrane (55) 13
Lin, Y.-Y., see Lin, S.-Y. (55) 13
Liu, H., see Kader, A. (55) 231
Lootens, C., see Lemmouchi, Y. (55) 79
Lück, M., Pistel, K.-F., Li, Y.-X., Blunk, T., Müller, R.H. and Kissel, T., Plasma protein adsorption on biodegradable microspheres consisting of poly(D,L-lactide-co-glycolide), poly(L-lactide) or ABA triblock copolymers containing poly(oxyethylene). Influence of production method and polymer composition (55) 107
Matsumura, Y., see Yokoyama, M. (55) 219
McBride, J.F., see Gehrke, S.H. (55) 21
Müller, R.H., see Lück, M. (55) 107
Murtas, E., see Coviello, T. (55) 57
Nam, Y.S., see Park, T.G. (55) 181
Narasimha Rao, S., see Krishnaiah, Y.S.R. (55) 245

PII: S0168-3659(98)00159-X

Ng, S.Y., see Sintzel, M.B. (55) 213
Okano, T., see Kohori, F. (55) 87
Okano, T., see von Recum, H. (55) 121
Okano, T., see Yokoyama, M. (55) 219
Park, T.G., Lee, H.Y. and Nam, Y.S., A new preparation method for protein loaded poly(D,L-lactic-co-glycolic acid) microspheres and protein release mechanism study (55) 181
Pillay, V. and Fassihi, R., Evaluation and comparison of dissolution data derived from different modified release dosage forms: an alternative method (55) 45
Pistel, K.-F., see Lück, M. (55) 107
Ponchel, G., see Hamdi, G. (55) 193
Portero, A., see Remuñán-López, C. (55) 143
Qineng, P., see Hanif, R.M. (55) 297
Rama Prasad, Y.V., see Krishnaiah, Y.S.R. (55) 245
Rambone, G., see Coviello, T. (55) 57
Reissig, D., see Zellmer, S. (55) 271
Remuñán-López, C., Portero, A., Vila-Jato, J.L. and Alonso, M.J., Design and evaluation of chitosan/ethylcellulose mucoadhesive bilayered devices for buccal drug delivery (55) 143
Riccieri, F.M., see Coviello, T. (55) 57
Rodríguez, M., Vila-Jato, J.L. and Torres, D., Design of a new multiparticulate system for potential site-specific and controlled drug delivery to the colonic region (55) 67
Sakai, K., see Kohori, F. (55) 87
Sakurai, Y., see Kohori, F. (55) 87
Sakurai, Y., see Yokoyama, M. (55) 219
San Román, J., see Gallardo, A. (55) 171
Satoh, A., see Yokoyama, M. (55) 219
Satyanarayana, S., see Krishnaiah, Y.S.R. (55) 245
Schacht, E., see Lemmouchi, Y. (55) 79
Schubert, R., see Tardi, C. (55) 261
Schwach-Abdellaoui, K., see Sintzel, M.B. (55) 213
Schwendeman, S.P., see Zhou, T. (55) 281
Sharma, H.L., see Whitehead, L. (55) 3
Sheu, M.-T., Lin, L.-H., Spur, B.W., Wong, P.Y.-K. and Chiang, H.-S., Investigation of the percutaneous penetration of prostaglandin E_1 and its ethyl ester (55) 153
Shitara, Y., Kato, Y. and Sugiyama, Y., Effect of brefeldin A and lysosomotropic reagents on intracellular trafficking of epidermal growth factor and transferrin in Madin-Darby canine kidney epithelial cells (55) 35
Singh, J., see Zhao, K. (55) 253
Sintzel, M.B., Heller, J., Ng, S.Y., Tabatabay, C., Schwach-Abdellaoui, K. and Gurny, R., In vitro drug release from self-catalyzed poly(ortho ester): Case study of 5-fluorouracil (55) 213
Smith, A.-M., see Whitehead, L. (55) 3
Sohn, Y.S., see Song, S.-C. (55) 161
Song, S.-C. and Sohn, Y.S., Synthesis and hydrolytic properties of polyphosphazene/(diamine)platinum/saccharide conjugates (55) 161
Spur, B.W., see Sheu, M.-T. (55) 153
Stangl, M., see Gabor, F. (55) 131
Sugiyama, Y., see Shitara, Y. (55) 35
Tabatabay, C., see Sintzel, M.B. (55) 213
Tardi, C., Brandl, M. and Schubert, R., Erosion and controlled release properties of semisolid vesicular phospholipid dispersions (55) 261
Torres, D., see Rodríguez, M. (55) 67
Uhden, L.H., see Gehrke, S.H. (55) 21
Vila-Jato, J.L., see Remuñán-López, C. (55) 143
Vila-Jato, J.L., see Rodríguez, M. (55) 67
von Recum, H., Okano, T. and Kim, S.W., Growth factor release from thermally reversible tissue culture substrates (55) 121
Whitehead, L., Fell, J.T., Collett, J.H., Sharma, H.L. and Smith, A.-M., Floating dosage forms: an in vivo study demonstrating prolonged gastric retention (55) 3
Wirth, M., see Gabor, F. (55) 131
Wong, P.Y.-K., see Sheu, M.-T. (55) 153
Yokoyama, M., see Kohori, F. (55) 87
Yokoyama, M., Satoh, A., Sakurai, Y., Okano, T., Matsumura, Y., Kakizoe, T. and Kataoka, K., Incorporation of water-insoluble anticancer drug into polymeric micelles and control of their particle size (55) 219
Zellmer, S., Reissig, D. and Lasch, J., Reconstructed human skin as model for liposome–skin interaction (55) 271
Zhan, G., see Hanif, R.M. (55) 297
Zhao, K. and Singh, J., Mechanisms of percutaneous absorption of tamoxifen by terpenes: eugenol, D-limonene and menthone (55) 253
Zhou, T., Lewis, H., Foster, R.E. and Schwendeman, S.P., Development of a multiple-drug delivery implant for intraocular management of proliferative vitreoretinopathy (55) 281

ELSEVIER

Journal of Controlled Release 55 (1998) 305–306

journal of controlled release

Subject Index Volume 55 (1998)

ABA triblock copolymers, (55) 107
Alginate, (55) 3
α-Amylase, (55) 193
Anticancer drug, (55) 161, (55) 219
Aqueous two-phase extraction, (55) 21
Bilayered device, (55) 143
Bioadhesion, (55) 131
Biodegradable, (55) 181
Biodegradable delivery systems, (55) 171
Biodegradable polyesters, (55) 79, (55) 107
Bioerodable polymer, (55) 213
Buccal drug delivery, (55) 143
Budesonide, (55) 67
Caco-2, (55) 131
Carbopol gel, (55) 13
Chitosan, (55) 143
COC-embedded membrane, (55) 13
Co-crosslinking reaction, (55) 57
Collagen gel, (55) 153
Colon drug delivery, (55) 67
Colonic drug delivery, (55) 245
Controlled-release, (55) 67, (55) 161, (55) 171, (55) 203, (55) 213
Controlled release system, (55) 45
Cosolvent, (55) 153
Crosslinking, (55) 143
Cytotoxic drugs, (55) 231
Degradation process, (55) 193
Dextran, (55) 21
Dissolution method modification, (55) 45
Drug carrier, (55) 219
Drug loading, (55) 231
Drug targeting, (55) 219, (55) 231
Drug–polymer interaction, (55) 13
Electron microscopy, (55) 271
Emulsification–solvent evaporation method, (55) 203
Epidermal growth factor (EGF), (55) 35
Epithelial cells, (55) 121
Ethidium bromide, (55) 79
Ethyl ester, (55) 153
Extrusion, (55) 281
Films and microspheres, (55) 171
Floating dosage form, (55) 3
Flow cytometry, (55) 131
Flow-through cell, (55) 261
5-Fluorouracil, (55) 213, (55) 297
Freeze-drying, (55) 3
FT-IR, (55) 253
Gamma-scintigraphy, (55) 3, (55) 245
Gastroretention, (55) 3
Gel, (55) 21
Gellan, (55) 57
Growth factors, (55) 121
Guar gum, (55) 245
Haloperidol, (55) 203
HT-29, (55) 131
Human stratum corneum lipids, (55) 271
Hydrogel, (55) 21, (55) 57
Ibuprofen, (55) 171
Implant, (55) 281
In vitro dissolution testing, (55) 45
In vitro release, (55) 79
Intracellular sorting, (55) 35
Intraocular administration, (55) 281
Isometamidium chloride, (55) 79
Lectin, (55) 131
Liposome, (55) 261
Liposome penetration, (55) 271
Low density lipoprotein (LDL), (55) 231
Lysozyme, (55) 181
Madin-Darby Canine kidney (MDCK) epithelial cells, (55) 35
Membrane fusion, (55) 271
Microspheres, (55) 181
Microvolume measurements, (55) 193
Mucoadhesion, (55) 143
Nifedipine, (55) 143
Ondansetron, (55) 67
Osmotic pump, (55) 45
Parenteral delivery, (55) 107
Penetration, (55) 13
Penetration enhancer, (55) 253, (55) 153
Percutaneous absorption, (55) 253, (55) 297
pH, (55) 13
pH-dependent release, (55) 67
Phosphatidylcholine, (55) 261
Physicochemical factors, (55) 231
Plasma protein adsorption, (55) 107
PLGA, (55) 181, (55) 281

PII: S0168-3659(98)00160-6

PLLA graft copolymers, (55) 171
Poly(acrylic acid) gel, (55) 297
Poly(ethylene glycol), (55) 21
Poly(DL-lactide), (55) 87
Poly(D,L-lactide-co-glycolide) (PLG), (55) 203
Poly(*N*-isopropylacrylamide), (55) 87
Polymer–drug conjugates, (55) 161
Polymeric micelles, (55) 87, (55) 219
Polyphosphazene/(diamine)platinum/saccharide conjugates, (55) 161
Polysaccharide, (55) 245
Propranolol hydrochloride, (55) 143
Prostaglandin E_1, (55) 153
Protein delivery, (55) 121, (55) 281
Protein drug delivery, (55) 21
Protein stability, (55) 181
PVR, (55) 281
Rat skin, (55) 297
Receptor-mediated endocytosis (RME), (55) 35
Reconstructed human epidermis, (55) 271
Release mechanism, (55) 261
Reversible loading, (55) 121
Scleroglucan, (55) 57
Self-catalyzed poly(ortho ester), (55) 213
Similarity factor application, (55) 45
Solubility, (55) 219
Solvent-evaporation technique, (55) 67
Starch microspheres, (55) 193
Stratum corneum, (55) 253
Sustained release, (55) 57, (55) 261
Swellable sticking and floatable systems, (55) 45
Tamoxifen, (55) 253
Targeting drug, (55) 161
Technetium-99m-DTPA, (55) 245
Terpenes, (55) 253
Tetrahydrogeraniol, (55) 297
Thermally sensitive, (55) 87
Thermo-responsive, (55) 13
Thermoresponsive polymer surface, (55) 121
Transferrin, (55) 35
Trypanosomiasis, (55) 79
Two-dimensional electrophoresis, (55) 107